Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 18 Aug 2023 until 23:59 on Saturday 19 Aug 2023

Forecast Issued on Friday 18 Aug 2023 at 04:26

Confidence: High for strong winds and unsettled conditions Friday into Saturday and for the subsequent trend towards finer and drier weather. Lower confidence on the timing and extent of the thundery rain and showers Friday into Saturday and for the strength of winds and gusts.

Headline for Friday 18 Aug 2023: Strong south-easterly winds through the day. Outbreaks of rain during the morning, and further heavy rain later.

Mountain weather hazards on Friday 18 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Cloudy	Dull	Heavy Rain
Precipitation probability					
20%	80%	80%	40%	20%	80%

Forecast for Friday 18 Aug 2023

Weather: A windy and cloudy start with areas of mist and low cloud across many eastern areas Friday, with the chance of a few isolated showers developing through the early hours. More organised showers or longer spells of rain expected to arrive from the southwest later Friday morning, these perhaps turning heavy at times with a slight chance of a rumble of thunder. Showers becoming increasingly light and isolated into the afternoon however and perhaps turning brighter for a time early evening but feeling quite humid. Thickening and lowering cloud bringing further rain later Friday evening, turning heavy and thundery overnight with the southerly winds strengthening further. Feeling humid.

Chance of cloud-free hill tops above 600m: 20% during the morning and early afternoon, improving to 60% late afternoon.

Low Cloud and visibility: Widespread cloud down to 300-400m, and locally down to lower slopes in the east during the morning. Cloud lifting to give patchy bases around 400-600m during the afternoon, likely lowering once again into the evening as more persistent rain spreads in. Generally moderate visibility, but poor to very poor in any persistent precipitation or low cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 18 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/25 E	19/27 E	20/28 E	21/30 E	21/31 E	22/32 E	20/29 E
300	14/28 E	14/27 E	13/27 E	13/25 E	14/30 E	15/32 E	15/32 E
Valley	13/27 E	15/29 E	13/27 E	14/29 E	15/32 E	16/34 E	15/33 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/8	13/9	14/10	13/10	13/9	13/10
300	13/10	14/12	15/13	17/15	16/14	15/12	15/13
Valley	14/11	16/13	16/14	18/16	18/15	16/14	16/14
Freezing Level*	2900m	3200m	3500m	3600m	3700m	3800m	3800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Unpleasant walking conditions for much of the day, with widespread low cloud and waterproofs becoming soaked through in any heavy showers and late rain. Windy conditions will make for fairly arduous walking on exposed terrain. Watercourses may become swollen.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 18 Aug 2023	0mm	0mm	0mm

Forecast for Saturday 19 Aug 2023

Weather: Friday's rain is expected to clear to the north overnight into Saturday morning, though low confidence in the details of how quickly conditions improve. Generally brighter by Saturday afternoon but remaining windy with patchy showers continuing.

Maximum wind: South-westerly 30-35mph, gusting 45-50mph. Easing slightly by the evening.

Chance of cloud-free hill tops above 600m: 30% or less, improving to 80%. Slower to clear in the west.

Low Cloud and visibility: Extensive cloud with bases of 300m associated with the area of rain. This likely clearing around dawn with bases then largely above summits for the rest of the day. Cloud may be slower to clear in the west if further rain or drizzle arrives. Visibility poor or very poor in early rain. Becoming good or very good as rain clears.

Temperature: **Valleys:** Plus 17, rising to Plus 20 Celsius.
At 600m: Plus 13 Celsius, rising to Plus 15 Celsius.
Freezing level: Well above summits.

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